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Application No.: 10/808,875

Amendments to the Specification:

Please replace the Abstract with the following new Abstract:

ABSTRACT

A wireless communication system has a variable number of time slots or frequencies to support uplink or downlink communications. Time slots or frequencies available for allocation for uplink or downlink communications are determined. A switching point represents the point between the uplink and downlink designated time slots or frequencies. For each switching point, a number of users supportable is determined by comparing a blocking probability with a required blocking probability of real time services. An average time delay is compared with a required average delay of non-real time services. A minimum of uplink and downlink users is selected as the number of users supportable for that switching point. The switching point with the maximum supportable users is selected. The available uplink and downlink time slots or frequencies are allocated based on the selection.